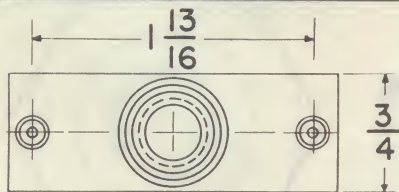
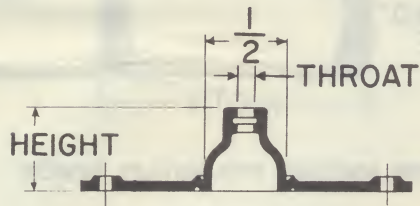


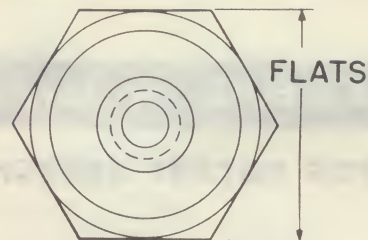
# HEXSEAL® Toggle switch boots



Part No. 2030

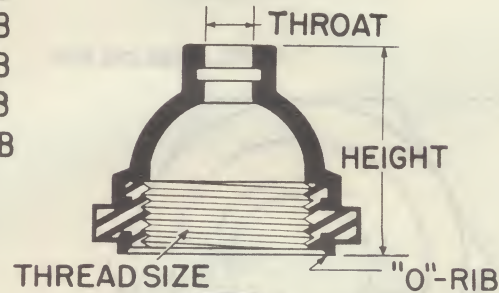


Part No. 2030B



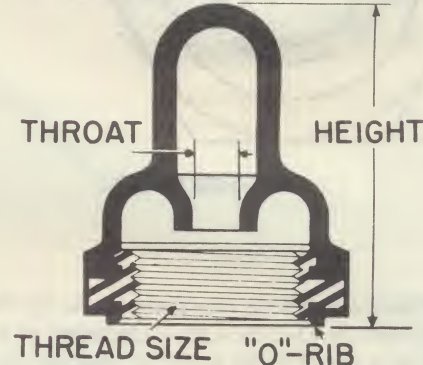
Part No.

N-1030B  
PN-1030B  
MN-1030B  
N-5032B



Part No.

N-1030  
N-5030



High pressure toggle switch boots (seals) are available for all types of electrical controls and circuit breakers. When installed, the boots replace the regular mounting hardware. HEXSEALS are of one-piece construction, and serve as both seal and lock-nut.

The following toggle-switch boots are available from stock.

Engineering No.	Part No.	Thread Size	Throat	Height	Flats	Type of Switch	Description	Military Information	
								Meets MIL Spec.	Type
1131/10	N-1030	1/2-32NS-2B	1/8"	7/8"	5/8"	Bushing Mounting	Completely covers bat handle	MIL-B-5423 MIL-B-5423/1	Type A, Style 1
1131/16	N-1030A	1/2-32NS-2B		7/8"	5/8"	Bushing Mounting	Armored Metal Cap bonded to Boot		
1132/1	N-1030B	1/2-32NS-2B	1/8"	35/64"	5/8"	Bushing Mounting	Handle of switch protrudes	MIL-B-5423 MIL-B-5423/2	Type A, Style 3
1132/4	PN-1030B	1/4-32NS-2B	1/8"	35/64"	5/8"	Bushing Mounting	Handle of switch protrudes		
1132/8	MN-1030B	1/2-20NF-2B	1/8"	35/64"	5/8"	Bushing Mounting	Handle of switch protrudes		
1131/1	N-1080	1/2-20NF-2B		1-23/32"	5/8"	Bushing Mounting	Completely covers bat handle		
1131/13	N-1002	1/2-32NS-2B	25/64"	1-9/32"	5/8"	Bushing Mounting	Completely covers bat handle		
1131/5	N-5030	1/4-40NS-2B	3/64"	7/16"	3/8"	Bushing Mounting	Completely covers bat handle	MIL-B-5423 MIL-B-5423/4	Type A, Style 6
1132/9	N-5032-B	1/4-40NS-2B	1/16"	17/64"	3/8"	Bushing Mounting	Handle of switch protrudes		
1131/6	N-5030L	1/4-40NS-2B		1/2"	3/8"	Bushing Mounting	Completely covers bat handle	MIL-B-5423 MIL-B-5423/5	Type A, Style 7, Sz. 1
1131/4	N-5030R	1/4-40NS-2B		25/64"	3/8"	Bushing Mounting	Completely covers bat handle	MIL-B-5423 MIL-B-5423/5	Type A, Style 7, Sz. 2
1111/1	2030			15/16"		Flush Mounting	Completely covers bat handle		
1112/2	2030B		1/8"	1/2"		Flush Mounting	Handle of switch protrudes	MIL-B-5423 MIL-B-5423/3	Type A, Style 4
1111/3†	2035†			15/16"		Flush Mounting	Completely covers bat handle		

†Same as 2030 except 3/4" flange is 1-1/4"

1031AD adapter available to adapt N-1030, N-1030A, N-1030B and N-1002 for a 3/8-32 bushing. Other adapters available on special order.

Specifications:		Specifications:	
Material:	Boot: Silicone rubber unless otherwise specified. Silicone rubber conforms to MIL-R-5847, Class III.** Nut: Brass, nickel plated	Stock Color:	Grey‡
Temp. Range:	-160°F to +500°F	Resistant to:	Salt spray, weather, sunlight, ozone and most acids (see page 13)
Pressure Range:	Exceeds 15 psi Internal and external	Installation:	For proper installation, allow a MAXIMUM of 5 threads of the switch bushing to protrude in front of the panel (three threads for MN-1030B, N-1080 and N-5000 Series) An end wrench may be used for tightening.
Shelf Life:	Excess of 25 years		

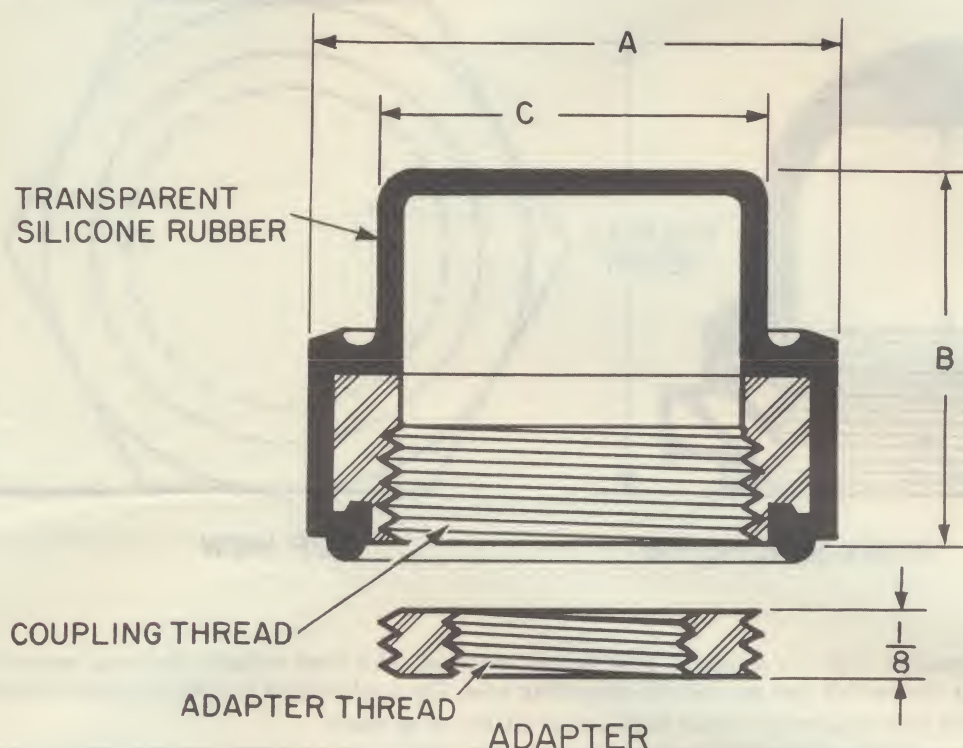
\*\*Oil resistant silicone rubber available on special order. Also available in Buna N, Neoprene and Viton A.

‡Other colors available on special order.

APM-HEXSEAL CORPORATION 41 HONECK ST., ENGLEWOOD, N.J. (201) LO 9-5700



# RUBRGLAS-SEEL® Transparent and flexible seals for Indicator Lights



These APM-RUBRGLAS-SEELS are transparent and flexible high-pressure "press-to-test" switch seals designed to fit military and industrial indicator lights. The seal consists of a transparent silicone rubber boot molded to an aluminum nut. A gasket-rib—an integral part of the boot—seats firmly against any panel surface, regardless of finish, to keep out dust, moisture, vapor, and other contaminants. These removable boots are mounted with an adapter nut which replaces the standard mounting hardware. When installed, the completely enclosed and sealed lamp filament and the "press-to-test" markings can be clearly seen through the transparent silicone rubber.

Engineering No.	Part No.	A	B	C	Coupling Thread	Adapter Thread†	Fits Ind. Light No.
1223/2	†4080	1-1/8"	13/16"	27/32"	1 3/16-32NS-2B	5/8-24NEF-2B	AN-3157
1223/1	4080-2	1"	3/4"	23/32"	1 1/16-32NS-2B	1 5/16-32NS-2B	MS-25041
1223/8	4080-3	1-1/8"	13/16"	27/32"	1 3/16-32NS-2B	1 5/16-32NS-2B	
1223/9	4080-4	1"	3/4"	23/32"	1 1/16-32NS-2B	1 1/2-32NS-2B	
1223/5	4080-5	1-1/8"	13/16"	55/64"	7/8-32NS-2B	5/8-24NEF-2B	
1223/6	4080-6	1"	1"	23/32"	1 1/16-32NS-2B	1 5/16-32NS-2B	
1223/10	4080-7	1-1/8"	13/16"	27/32"	1 3/16-32NS-2B	1 1/2-24NS-2B	

†Part No. 4080 is part of Hetherington, Inc. Switch Light Combination Assembly A-3351.

‡The adapter nut is furnished with flats to facilitate tightening with a standard wrench.

Specifications:	
Material:	Boot: APM-RubRglas (transparent silicone rubber) conforms to MIL-R-5847, Class III.** Coupling nut: aluminum Adapter nut: brass, cadmium plated
Temp. Range:	-160°F to +500°F
Pressure Range:	Exceeds 500 psi external, 15 psi internal
Shelf Life:	Excess of 25 years
Resistant to:	Salt spray, weather, sunlight, ozone and most acids (see page 13)
Installation:	Remove lens cap of indicator light. Remove standard mounting nut and replace with APM adapter nut. Replace lens cap. Mount the silicone rubber boot over the lens. Hand tighten to adapter nut to provide high pressure seal against panel.

\*\*TRANSPARENT COLORS, other sizes and materials are available on special order.

Also available: N-4080C — used with Northern Ordnance, Inc. Switch #1610408-1, through -6.

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